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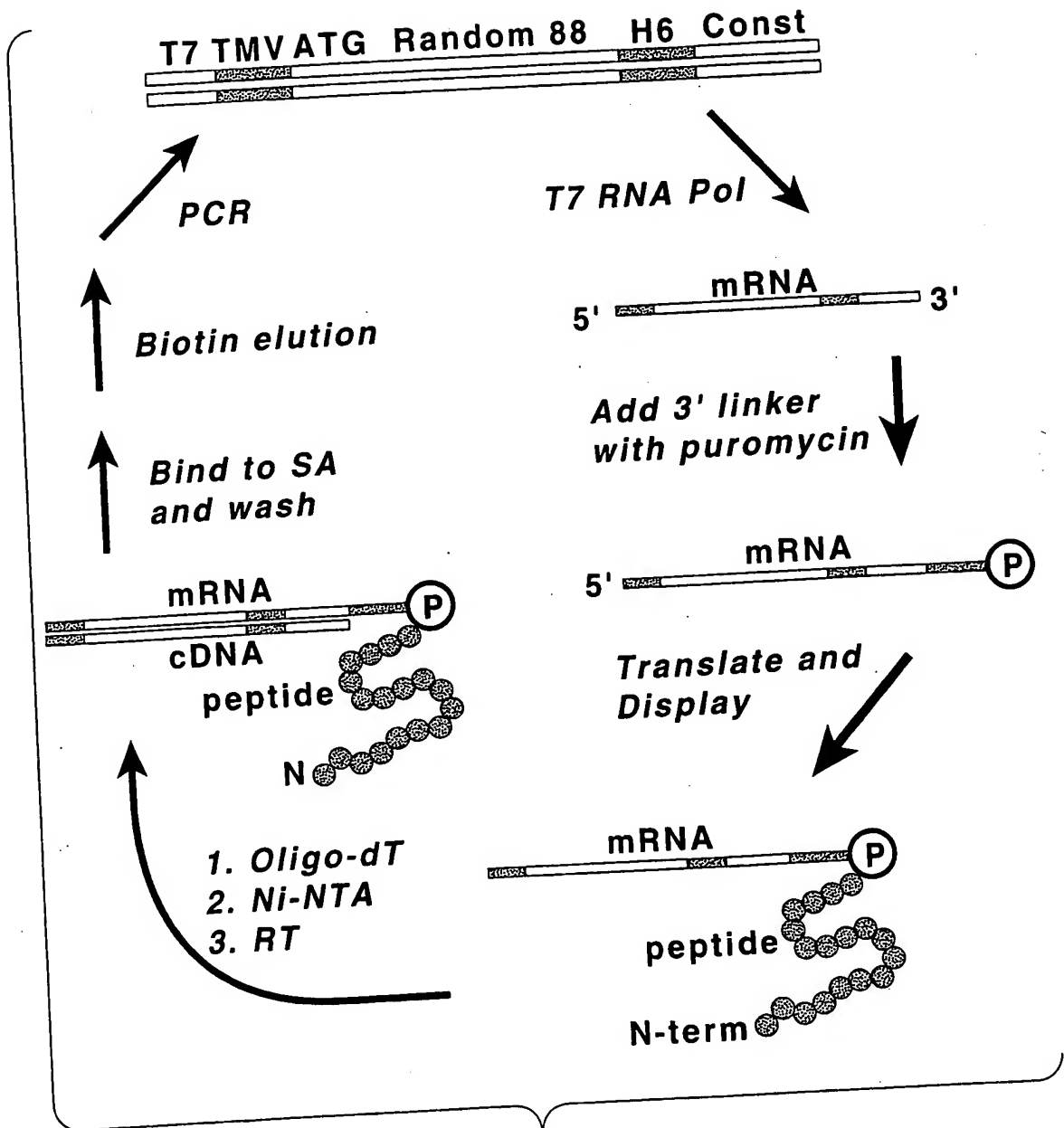


Fig. 1A

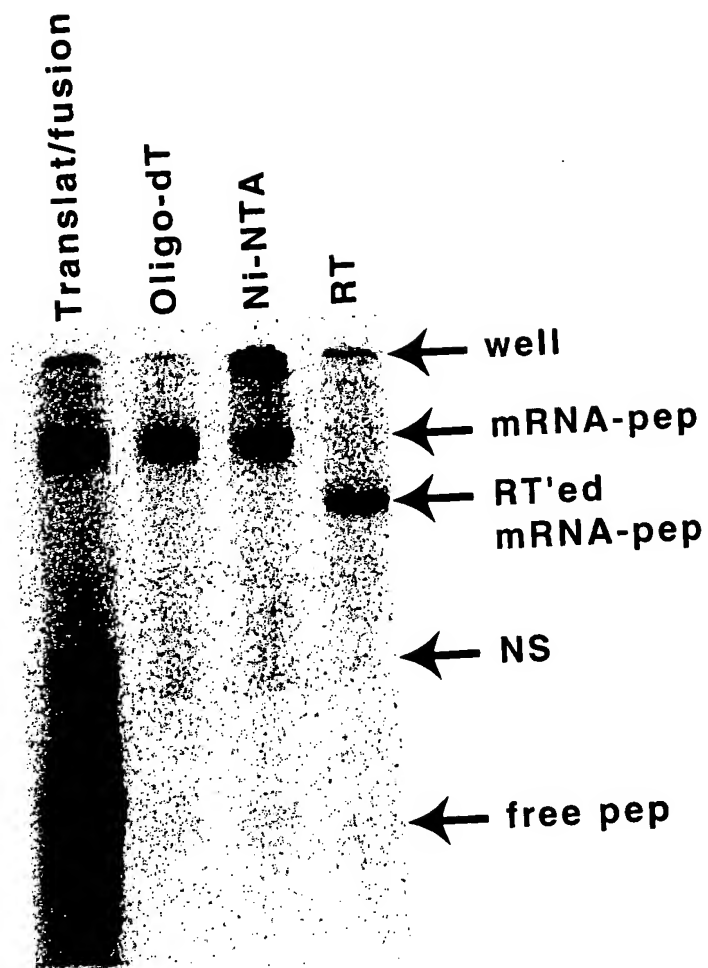


Fig. 1B

205T40" FEB-0000T

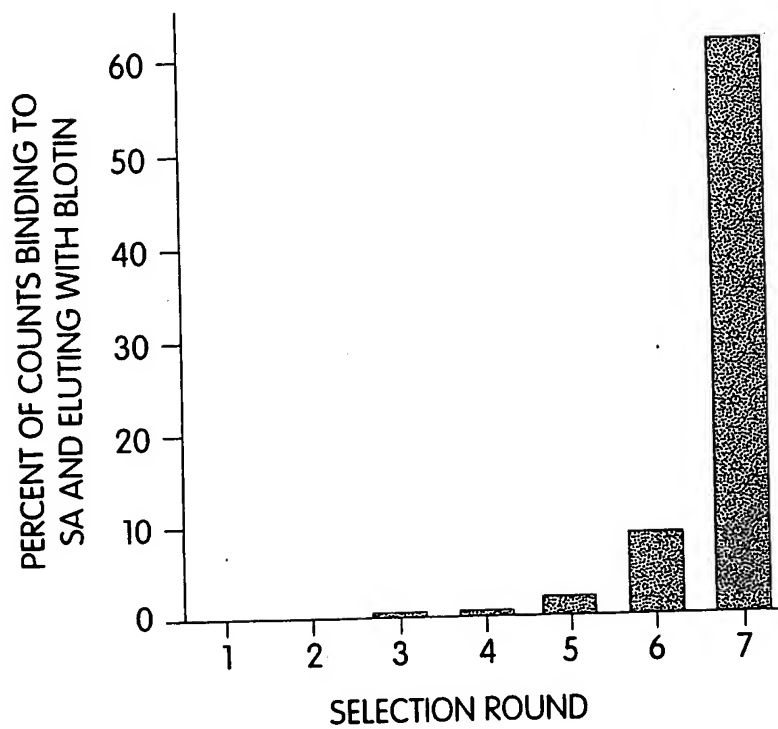


Fig. 2A

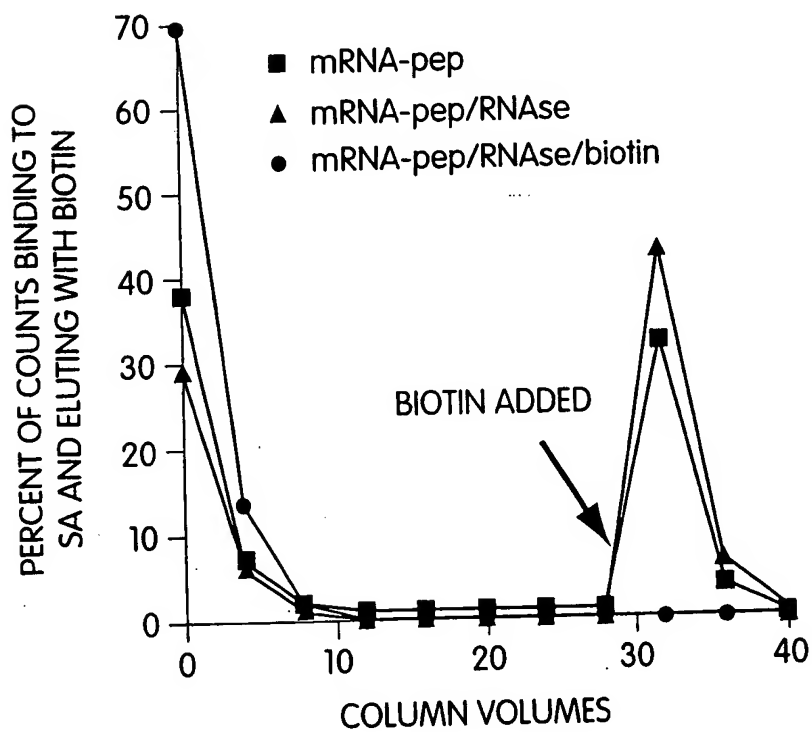


Fig. 2B

name #	SEQ ID NO:
SB1 3	<u>MDEKTHCTISMGAVPLVPHHPQGDPLRLLRQPALLVRHPQGDV</u> ALVEHHEGVDRGLVALPELHAEELGEPVCDLVQGPVEQVQGVVDALVMRLPPS
SB2 2	<u>MDEKTHCFHPGDHLVRLVEELQALAEGLQRGGRQPHRLPRRRPHHLQLLLDEAHPQAGCPLRERAHQVDGRLLLLQHPQCGDRLLQQPDHPLELVMRLPPS</u>
SB3 4	<u>MTRRPTASSSSCVRHLLLRQGEHGHQALEDRDKARHVRVVEGDVEVLGGDLRLARARHEALHPQAGLVHLPLHGCDLGGHLRLVLEAHPQCGDRILGLAVHHH</u>
SB4 1	<u>MDEKTHWGISWIRGEPLLHPQAGRLPLDRRRARHRRILGAEPGGVDHGLRLLELLDDHRLPLVPDHPQGRGRLQRGDLPQVVPVLRHRAHVLGLAAATIT</u>
SB5 3	<u>MDEKTHWNVYHPQGDLLVRGHGHDVEALHDQGLHQLDLLVGPPEVVVRALRGEVLGGLRRLVPLDHPQGEALDQARQRPQHLLLELHHRALPPALVMRLPPS</u>
SB6 1	<u>MDEKTHWLNFEELARLDGLREGEDHPLVLRHPQGDGLLDQPLGRHRAIDGEVREGDRPLDQGGEEIDGALVDDDGEVLGVLHVGVHVDPLVCGGCHHH</u>
SB7 1	<u>MDEKTHWFTLNSFPTHWMSAVGNKIDCSFNMNLSLNEWLSGHPDGLDDQHPQGDALVGRDDGVVQALRLEQGHQHRRLAQRRADRRHQIVMRLPPS</u>
SB8 1	<u>MDEKTHCTIELNFSFTHWKLLHHHPQGDALLDDGVRRPHPLADEGGGLDQGLCHRRGVVAERLARRDPEVLGILVERHRRGLVPRLRHGGERHAEPLVMRLPPS</u>
SB9 1	<u>MDEKTHCNTGLYDGAADCFNELNKDVAPLVEGRHDLVEGLLLEHPQGDPLVAHRQLVHHPLLRGERHRRALVPQEHQPHRLQPVVDLGRRRLLVMRLPPS</u>
SB10 1	<u>MDEKTHWHERAQELVGGLLLHDDHPQRLLLEPRGPRPLRGLVHERGHQPPLAGRVEEADGGLLRDGGGELEPLVREGEDHLEPLDDELDAQPRGLVMRLPHHH</u>
SB11 1	<u>MDEKTHWHERVHHLADGLEQHPQGORRPLVERHRQVPRGLVRELQHEGLPLEHPAGVHVIRLHQGDDRDVDGLVDGHRDVRGLEREVDGPHRLVMRLPPS</u>
SB12 4	<u>MDKDLLLEELERLVRHPQGGLLPLRGQVGHDAERLGAEVDDLRGGLLDEPQRAVAGLHHVPHRVGRLVHEVRELDEGLLDQRDDLRQRLVMRLPPS</u>
SB13 2	<u>MEREDPLDEQLRELREALVDHPQGGAQALHRHDGGEHVPLRRVQHRLQPGLOHLEPQPLGLGELQARLQPLAGEHEGDGAGLQRPVGHQGRRLVMRLPPS</u>
SB14 1	<u>MDEKTHRTLVSLSFNDWLGGTKACWRLVEGLHGHHPQGLVREHEVDVPLAEFVQVWGGADGVEQPGGGLLHRAQRVDHPLPDHAGQVLGRLLVMRLPPS</u>
SB15 1	<u>MDEKTHWLEDLKGVLKDCIKDLMDFTKDCRSRVPQPPPLHHRGEPVPLREAGRDIGGIGPRAPRQARPLHGRHDLHEPLVLQDHPQGGPLVCGCHHH</u>
SB16 1	<u>MDEKTHWVLQLHPQGDRLGPRHGGDDVRLVGQEGVLEGLDGRPRRRRRLPREDEHRVRLVDQVRDLAERLVEEVDDGGVEALRHLGLPQDEPRSGGCHHH</u>
SB17 2	<u>MDEKTHWVGDLOEPLGPLHGGVGEVPGGLVLRHPQRDRDLVDGVPHPGRALARRPHRVVEGLHLLLRQGERLPPDGPRLGLLGGELDRADPALVMRLPPS</u>
SB18 1	<u>MDEKTHCAVNVNVLTHWCHRVHLQPLDHPQGDHLRLLEPLGHALVDPLVQGVVEVVRPLQLDVGVQRVALVEQVAEVGEGLDHEAGQAHGALVMRLPPS</u>
SB19 1	<u>MDEKTTGWRGGHVVEGLAGELEQLRARLEHPQGORREPLVQEVEDVEGLVDLHGVAAGLLDPVEKILLTDWFKFKNVSKDCKMTFYLEMVDSGGCHHH</u>
SB20 1	<u>MNEKTHCKLNFKNVIADWLAEFHGGGQGLGRRDGVVQRLVDGVQERVERLDRDPGLGLRLLELHHRHRLRLGGEHLLRDHPLEPDDHLVVGGLVMRLPPS</u>

Fig. 3

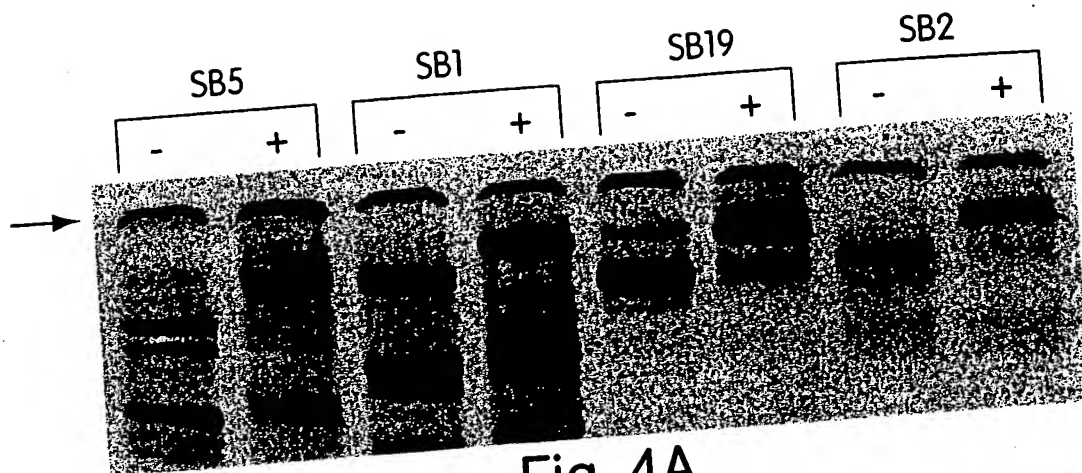


Fig. 4A

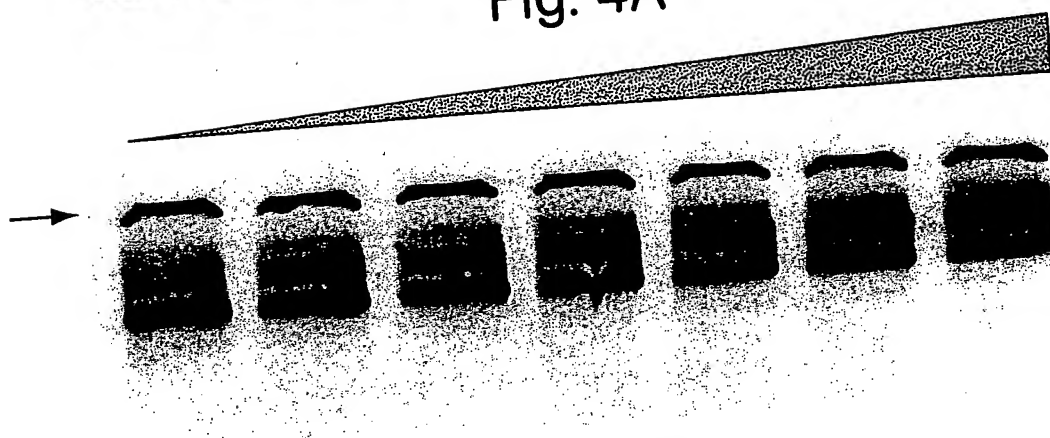


Fig. 4B

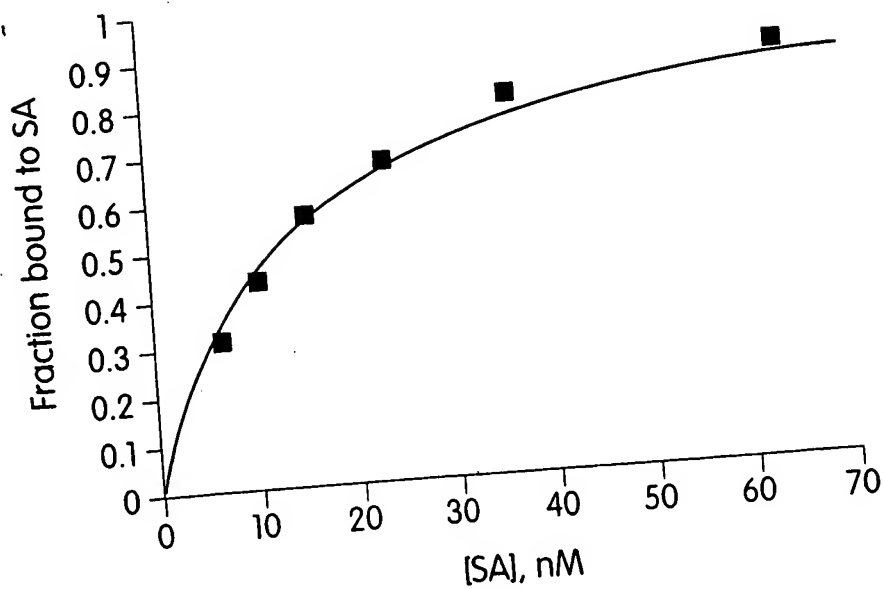


Fig. 4C

205THQ" F8E+000F

		% binding	SEQ ID NO:
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C1	MDEKTTGWRGGHVVVEGLAGELEQLRARLEHHPQGGQREPLVQEVEDVDEGLVQDLHGVAAGLLDPVEKLLTDMFKFKFNVS	MSGGCKLG 87	22
C2	MDEKTTGWRGGHVVVEGLAGELEQLRARLEHHPQGGQREPLVQEVEDVDEGLVQDLHGVAAGLLDPVEKLLTDMFKFKFNVS	MSGGCKLG 88	23
C3	MDEKTTGWRGGHVVVEGLAGELEQLRARLEHHPQGGQREPLVQEVEDVDEGLVQDLHGVAAGLLDPVEKLLTDMFKFKFNVS	MSGGCKLG 89	24
C4	MDEKTTGWRGGHVVVEGLAGELEQLRARLEHHPQGGQREPLVQEVEDVDEGLVQDLHGVAAGLLDPVEKLLTDMFKFKFNVS	MSGGCKLG 88	25
M1	MDEKTTGWRGGHVVVEGLAGELEQLRARLEHHPQGGQREPLVQEVEDVDEGLVQDLHGVAAGLLDPVEKLLTDMFKFKFNVS	MSGGCKLG 0.065	26
N1	MD	MSGGCKLG 69	27
N2	MD	MSGGCKLG 30	28
N3	M	MSGGCKLG 0.058	29

Fig. 5

Fig. 6A

GCTACGCTGTAGGTATCTCAGTTCGGTGTAGGTGCTCGTCCAAAGCTGGCTGTGTGCACGAAACCCCGCTTCAGCCC
GACCGCTGCGCTTATCCGGTAACTATCGTCTTGAAGTCCAAACCCGGTAAAGACACGACTTATCGCCACTGGCAGCAGCCAC
TGGTAAACAGGATTAGCAGAGCGAGGTATGAGCGGTGCTACAGAGTTCCTTGAAGTGTGGCCCTAACTACGGCTACACTA
GAAAGACAGTATTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGTCTTGGATCCGGCAAA
CAAACCAACCGCTGGTAGCGGTGGTTTTTTTGTGCAAGCAGCAGATTACGGCAGAAAAAAGGATCTCAAGAAGATCC
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ACTCACACTGCGATCCCCGGGAAACAGCAATCCAGGTATTAGAAGAAATATCCTGATTCAGGTGAGGAAATATTGTTGATG
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GCTCAGGCGCAATCACGAATGAATAACGGTTTGGTTGATGCGAGTGATTTTGTATGACGAGCGTAATGGCTGGCCTGTTGA
ACAAGTCTGGAAGAAATGCATAAACTTTTGCCATTCTCACCGGATTCAGTCGTCACCTCATGTTGATTTCTCACTTGATA
ACCTTATTTTTCAGAGGGAAATTAATAGTTGTATTGATGTTGGACGAGTCGGAATCGCAGACCGATACCAGGATCTT
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CGAGAAAGGAAGGAAGAAAGCAGGAGCGGGCGCTAGGGCGCTGGCAAGTGTAGCGGTACGCTGCGCGTAACCCACC
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Fig. 6A (continued)

205THD" TSE4000T

(SEQ ID No.:38)

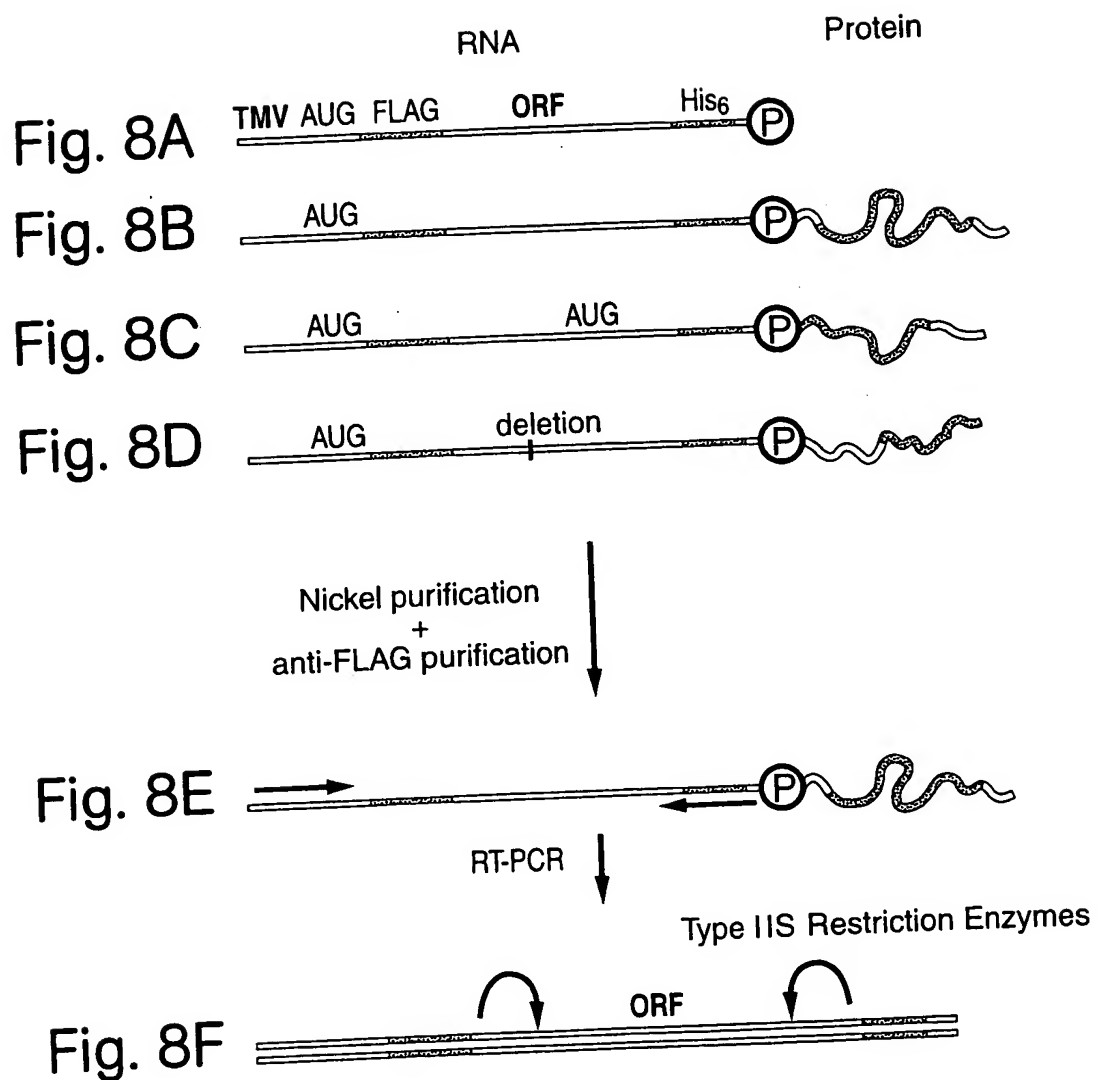
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LIAADGGYAFKYENGKYDIKDVGVNDNAGAKAGLTFLVDLIKKNHNMADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSK
VNYGTVLPTFTKGQPSKPFVGVLSAGINAAAPNKEAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELAKDPRIAA
TMENAOKEIIMPNI PQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSGSGSGMDEKTTGWRGGHVVEGLAGELEQ
LRARLEHHPQGQREPGSGHHHHHHEFLVPRGMDPCVKCKVAPRNWVKVKNKHLRIYNNMCKTCFNNSIDIGDDTYHGHDD

Fig. 6B

(SEQ ID No.:39)

MDPCVKCKVAPRNWVKVKNKHLRIYNNMCKTCFNNSIDIGDDTYHGHDD

Fig. 6C



[illegible]

ACTATCCGCTGGATGACCAAGGATGCCATTGCTGTGGAAGCTGCCCTGCACATAATGTTCCGGCGTTATTTCTTGATGTCTCT
GACCAGACACCCCATCAACAGTATTATTTTCTCCCATGAAGACGGTACGGCACTGGCGTGGAGCATCTGGTCGCATTGGG
TCACCAGCAAAATCGCGCTGTTAGCGGGCCCATTAAGTTCTGTCTCGCGCGTCTGCCGTCTGGCTGGCATAAATATC
TCACTCGCAATCAAAATTCAGCCGATAGCGGAACGGGAAGGCGACTGGATGCCATGTCCGGTTTCAACAAACCATGCAA
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CGATCCGGGCTGCGCGTGGTGCGGATATCTCGGTAGTGGGATACGACGATACCGAAGACAGCTCATGTATATCCCCG
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GCGTGAAGGGCAATCAGCTGTTGCCGCTCTCACTGGTGAAGAAACCAACCCCTGGCGCCCAATACGCAACCCGCTC
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CGTATCGTGAGCATCCCTCTCTCGTTTCATCGGTATCATACCCCATGAACAGAAATCCCCCTTACACGGAGGCATCAGT
GACCAACAGGAAAAAACCGCCCTTAACATGGCCCGCTTATCAGAAAGCCAGACATTAACGCTTCTGGAGAACTCAACG
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GAGCAGACAAAGCCGTCAGGGCGGTGAGCGGTGTTGGCGGTGTGCGGGCGCAGCCATGACCCAGTCAAGTAGCGGATA
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GGTGGCGGAGCGGTATCAGCTCACTCAAGGCGGTAAATACGGTTATCCACAGAAATCAGGGGATAACGAGGAAAGAAC
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TGACGAGCATCACAAAATCGACGCTCAAGTCAGAGTGGCGAAACCCGACAGGACTATAAGATACAGGCGTTTCCCC
CTGGAAGCTCCCTCGTGGCTCTCCTGTTCCGACCTCGCGCTTACCGGATACCTGTCCGCTTCTCTCCCTTCGGGAAGC
GTGGCGCTTCTCATAGCTCAGCTGATAGTATCTCAGTTCGGTGTAGGTGTTGCTCCAGCTCCAGCTGGCTGTGTGACGA
ACCCCCGTTACGCCCGACCGCTGGCCCTTATCCGGTAACTATCGTCTTGAGTCCAAACCCGGTAAGACACGACTTATCGC

Fig. 9A (continued)

CAC TGG CAG CAG CCA CTGG TAA CAG GATTAG CAG AGCGAG GTATGTAG GCGGTGTACAGAGTCTTTGAAGTGGTGGCCT
AACTACGGCTACACTAGAAGGACAGTATTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGAAAAAAGAGTTGGTAG
CTCTTGATCCGGCAAAACAAACCCGCTGGTAGCGGTGTTTTTTGTTTGAAGCAGCAGATTACGCGCAGAAAAAAG
GATCTCAAGAAGATCCTTTGATCTTTCTACGGGGTCTGACGCTCAGTGGAAACGAAACTCACGTTAAGGGATTTTGGTC
ATGAACAAATAAAACTGTCTGCTTACATAAACAGTAAATACAAGGGGTGTATAGGCCATATTCAACGGGAAACGCTTTGCT
CTAGGCCGCGATTAAATTCACACATGGATGCTGATTATATGGGTATAAATGGGCTCGCGATAATGTGGGCAATCAGGT
GCGACAATCTATCGATTGTATGGGAAGCCCGATGCGCCAGAGTTGTTTCTGAAACATGGCAAGGTAGCGTTGCCAATGA
TGTTACAGATGAGATGGTCAGACTAAACTGGCTGACGGAATTTATGCCCTCTTCCGACCATCAAGCATTTTATCCGTACTC
CTGATGATGCGTGTACTACCCACTGCGATCCCGGAAACAGCATTCAGGTATTAGAAGATATCCTGATTCAGGT
GAAAAATATTGTTGATGCGCTGGCAGTGTCTCTGCGCGGTGTCATTGCTGTTTGTAAATGTCCTTTTAAACAGCGA
TCGCGTATTTCTGCTCGCTCAGGCGCAATCAGCAATGAATAACGGTTTGGTTGATGCGAGTGATTTTGTATGACGAGCGTA
ATGGCTGGCCTGTTGAACAAGCTGGAAGAAATGCATAAACTTTTGCCATTCACCGGATTCAGTCGTCACCTCATGGT
GATTTCTCACTTGATAACCTTATTTTGAACGAGGGGAAATTAATAGGTGTTGATGTTGACGAGTCGGAATCGCAGA
CCGATACCGAGATCTTGCCATCCTATGGAACCTGCCCTCGGTGAGTTTCTCCTTCATTACAGAAACGGCTTTTCAAAAAT
ATGGTATTGATAATCCTGATATGAATAAATTGCAGTTTCATTGATGCTCGATGAGTTTTTCTAAGAAATTAATTCAATGAG
CGGATACATATTTGAATGATTTAGAAAAATAAACAAATAGGGGTTCCGCGCACATTTCCCGGAAAGTGCCACCTGAAA
TTGTAAACGTTAATATTTGTTAAAAATTCGCGTTAAATTTTGTAAATCAGCTCATTTTTTTAAACCAATAGGCCGAAATC
GGCAAAATCCCTTATAAATCAAAAGAAATAGACCCGAGATAGGGTTGAGTTGTTCCAGTTTGAACAAGAGTCCACTATT
AAAGAACGTGGACTCCAACGTCAAAGGGCGGAAAAACCGTCTATCAGGGCGGATGGCCCACTACGTGAACCATCACCCTAAT
CAAGTTTTTTGGGTGAGGTGCGGTAAAGCACTAAATCGGAACCTAAAGGGAGCCCCCGATTAGAGCTTGACCGGGGA
AAGCCGGCGAACGTGGCGAGAAAGGAAGGAAGCAAGGAGCGGGCGCTAGGGCGCTGSCAAGTGTAGCGGTCAC
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Fig. 9A (continued)

205T40" F8E4000T

(SEQ ID No.:41)

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LIAADGGYAFKYENGKYDIKDVGVNDNAGAKAGLTFVLVDLIKHKHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSK
VNYGTVLPTFKGQPSKPFVGVLSAGINAASPKNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELAKDPRIAA
TMENAQKGEIMPNIPQMSAFWYAVRTAVINAAASGRQTVDEALKDAQTNSSGGSGSGMDEKTTGWRGGHVVEGLAGELEQ
LRARLEHHPQGQREPQSGHHHHHEF

Fig. 9B

205TH0" T8E4000T

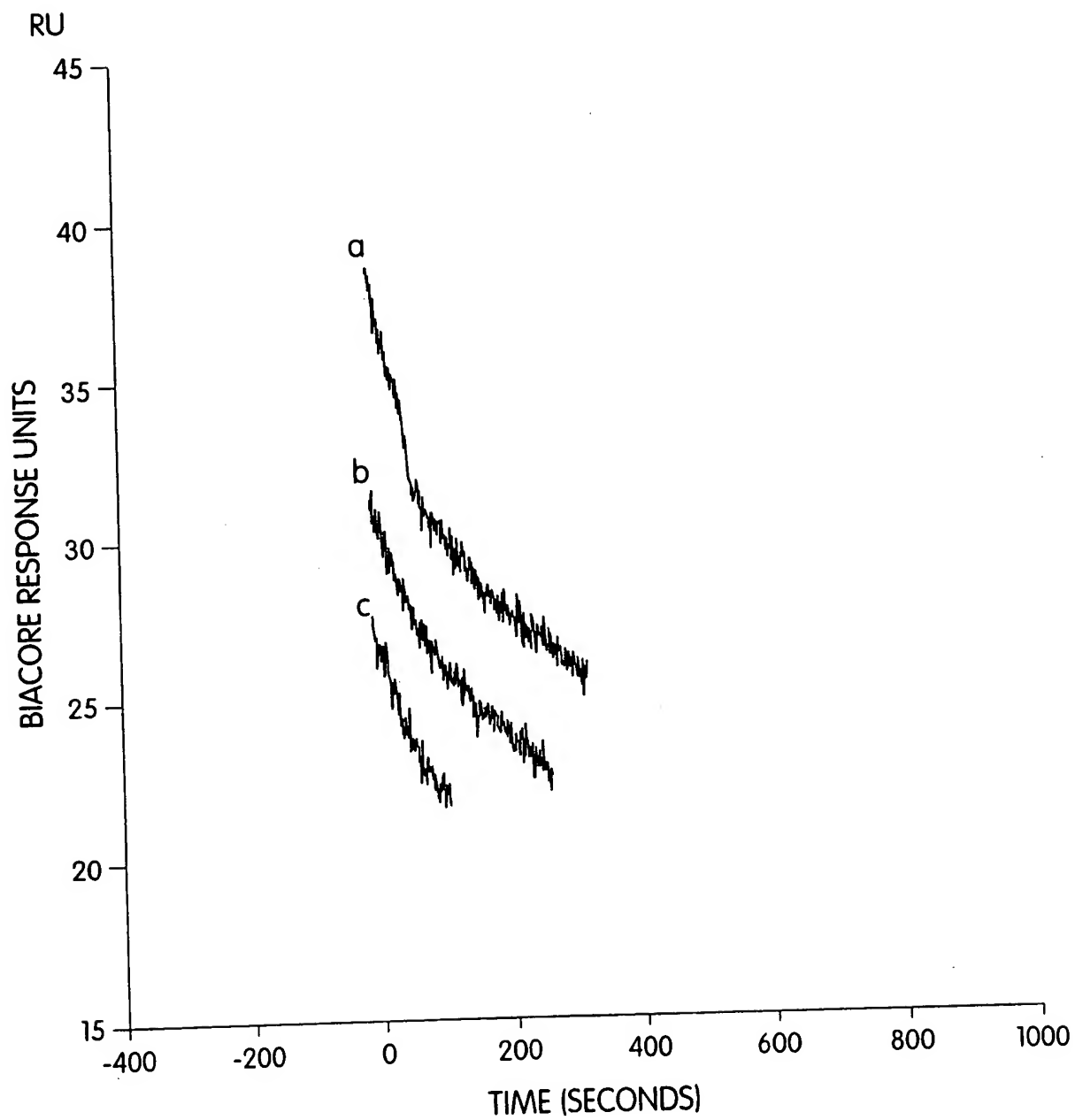


Fig. 10A

205TH0" TEEH000T

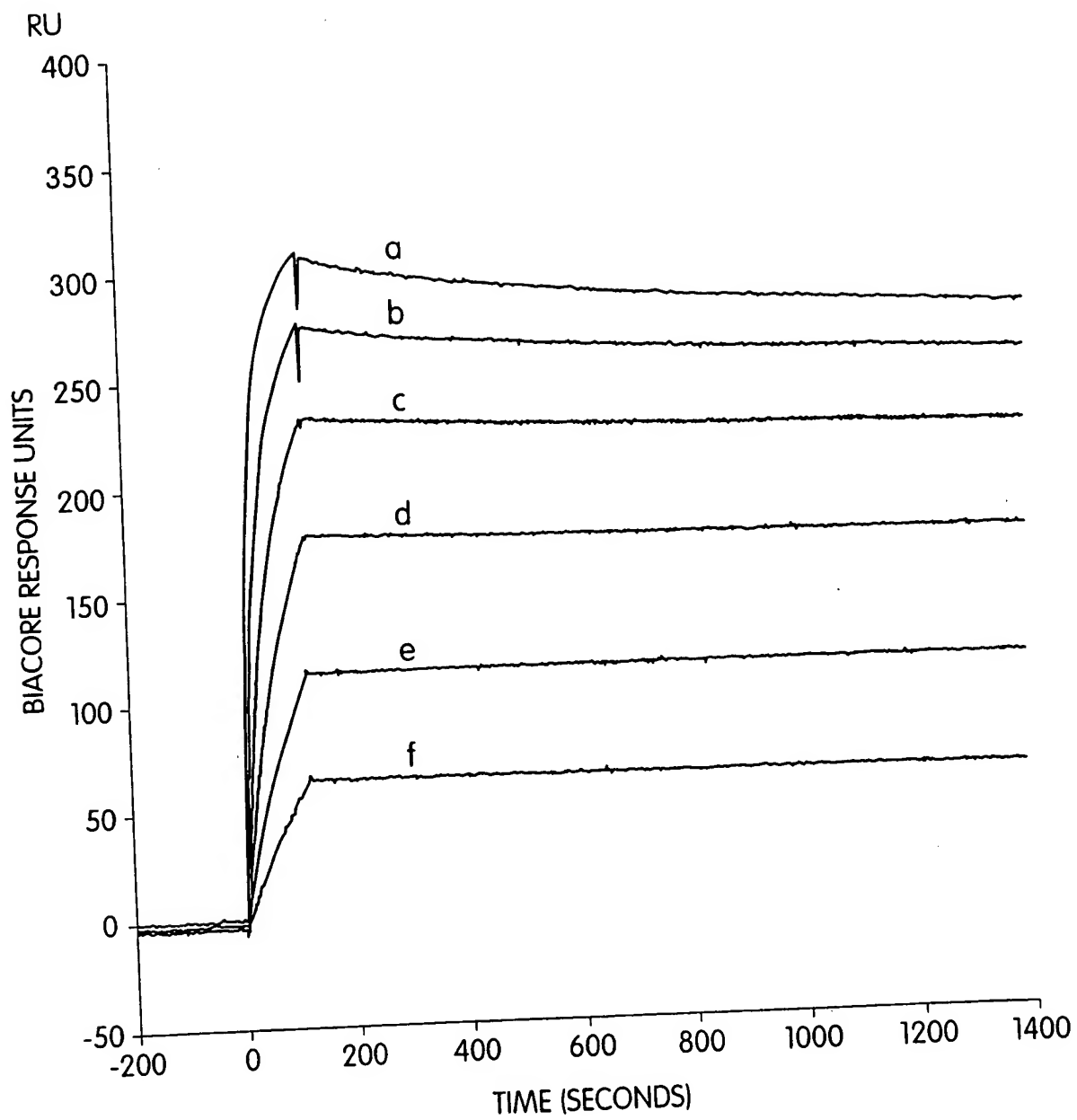


Fig. 10B

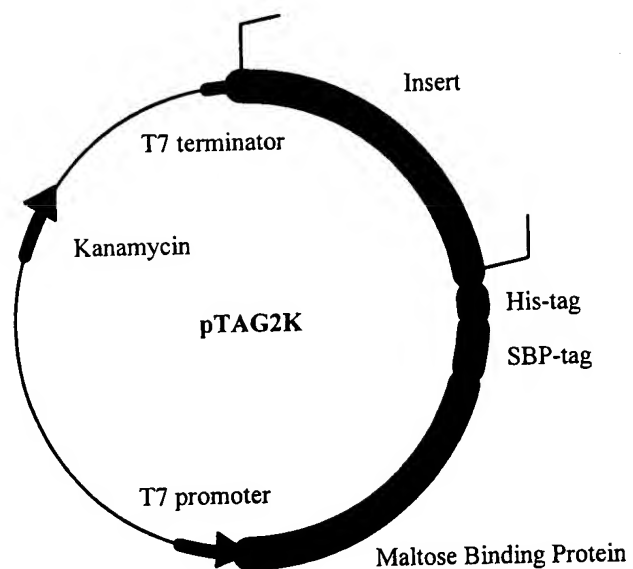


Fig. 11

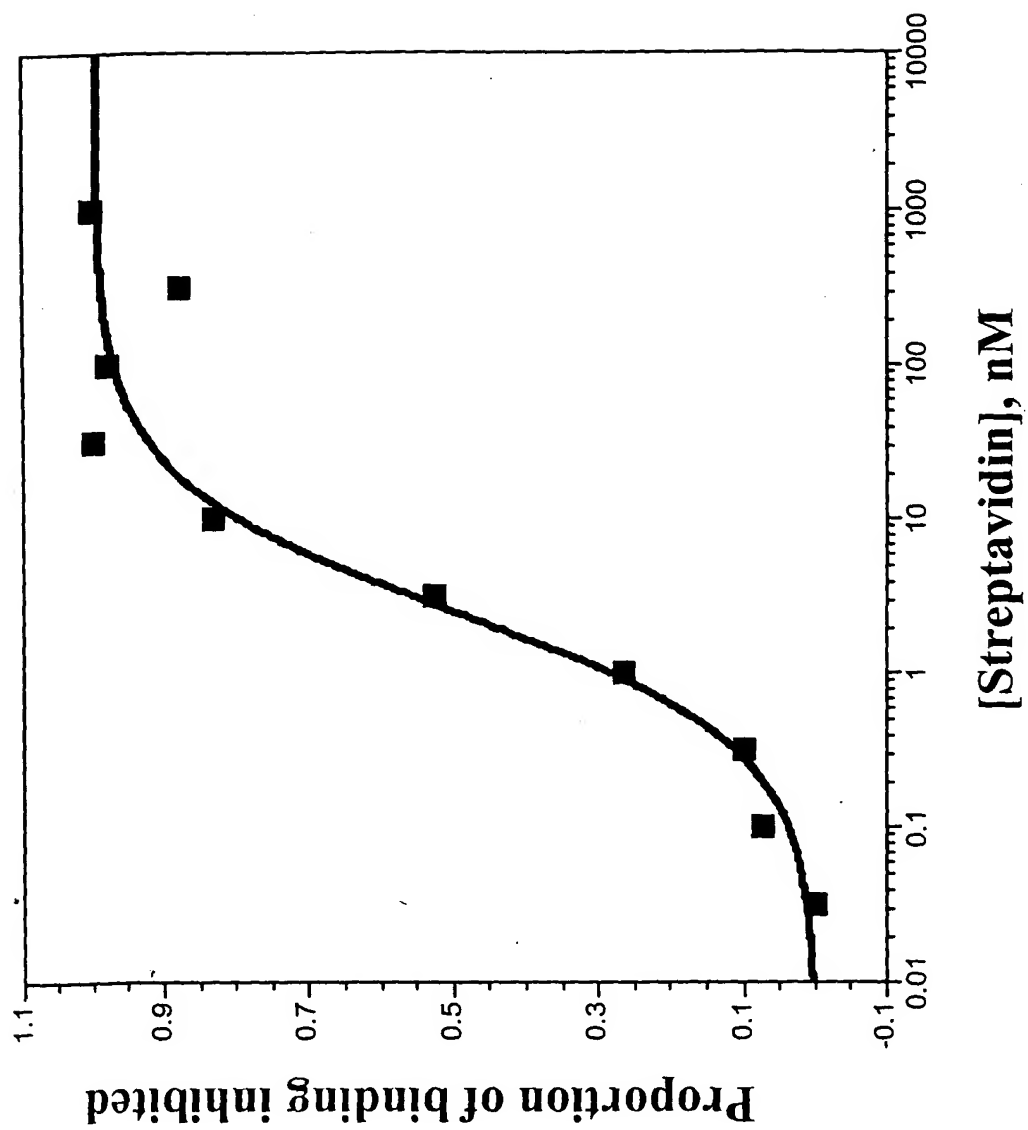


Fig. 12

205F40" T8E4000T

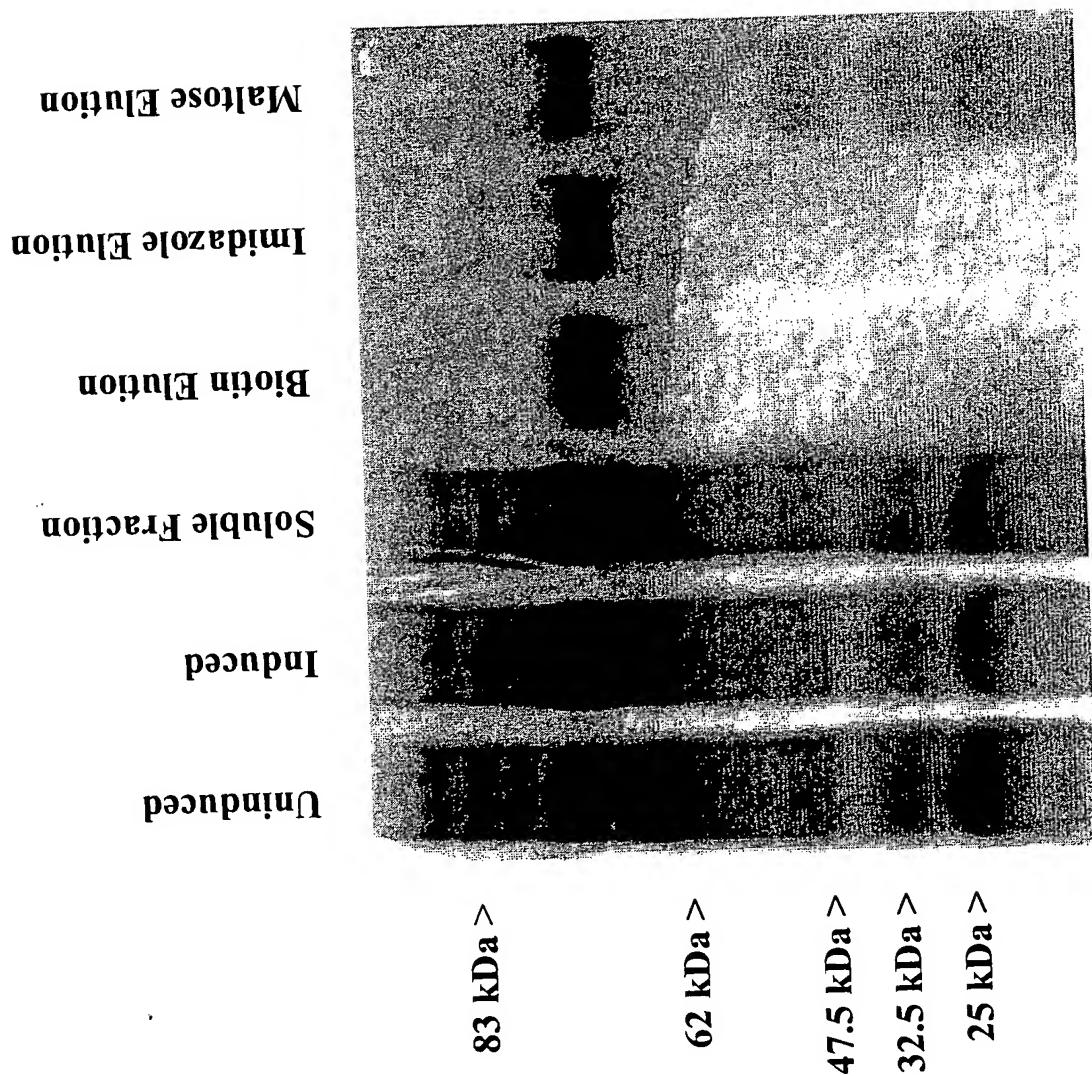
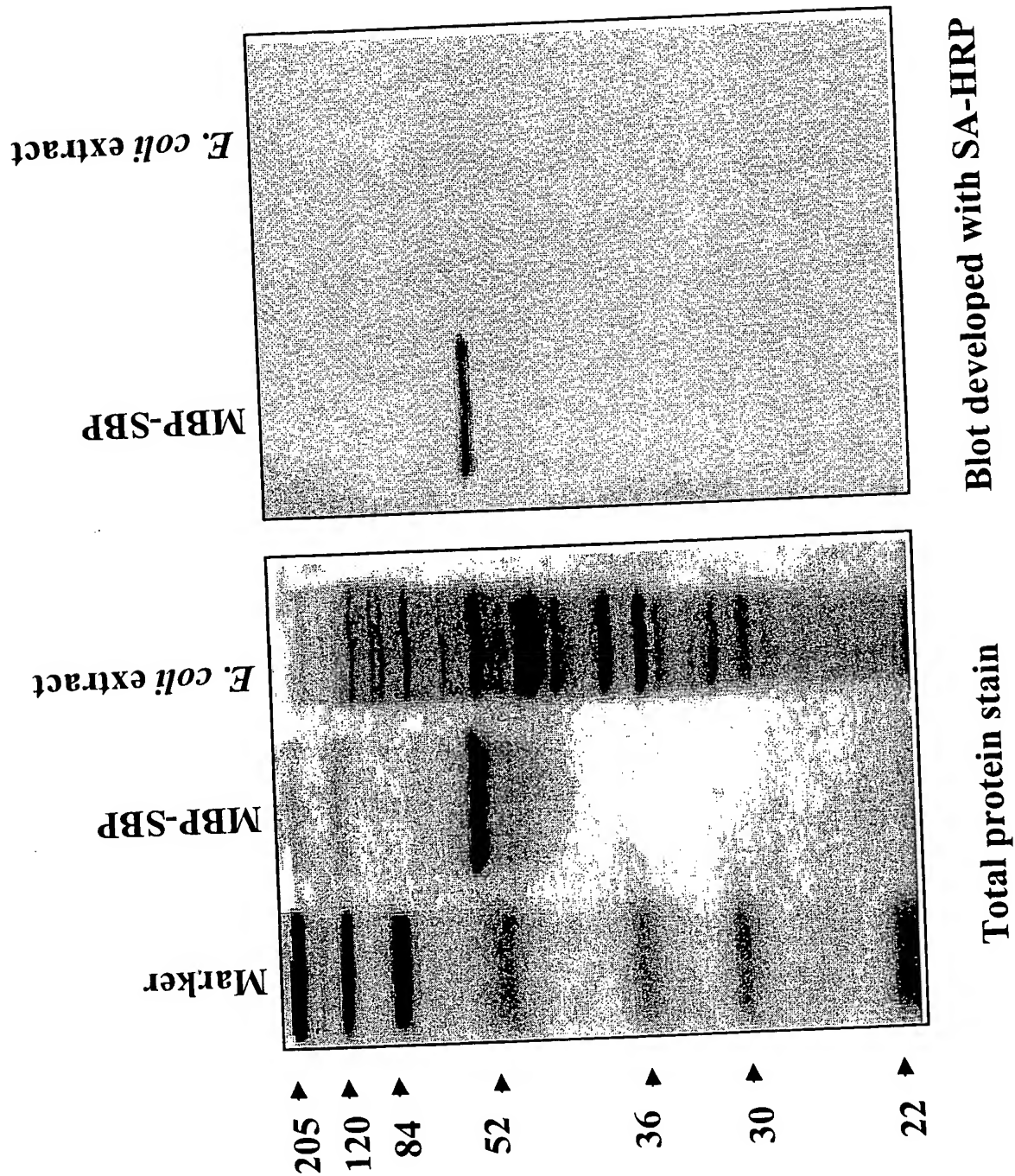


Fig. 13



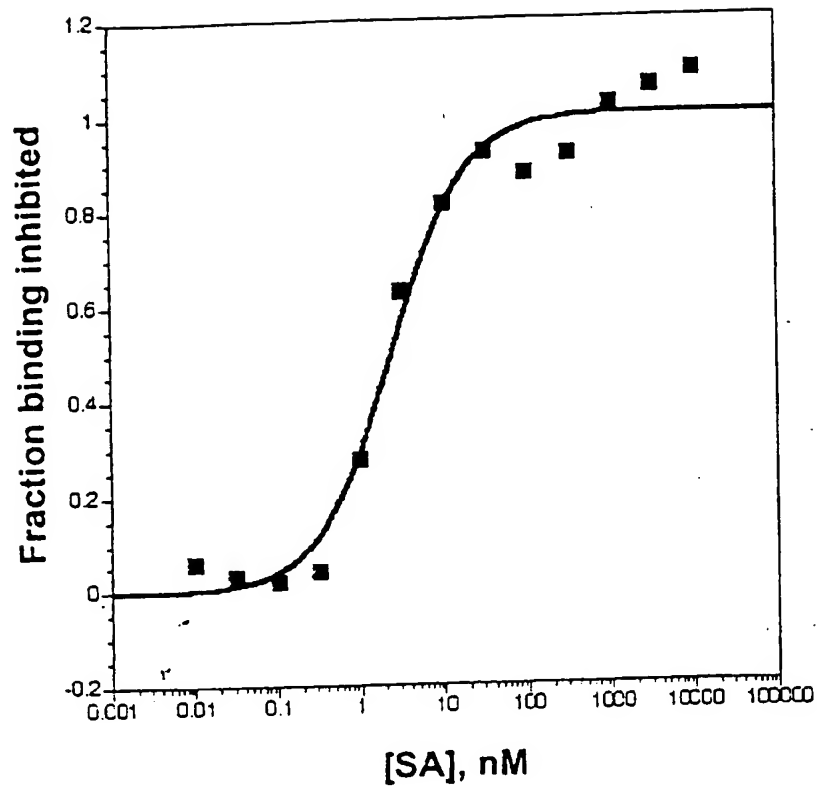


Fig. 15